

ABSTRACT OF THE DISCLOSURE

Methods, systems and assays are provided for FP detection of nucleic acid hybridization.

1. A method for detecting a nucleic acid hybridization event, comprising:
a) providing a nucleic acid probe;
b) providing a target nucleic acid;
c) hybridizing the probe to the target nucleic acid;
d) detecting a fluorescent signal from the hybridized probe-target complex;
e) determining the presence or absence of the hybridization event based on the detected fluorescent signal.